

8-ID-I Swiss Light Source (SLS) Vacuum compatible Fast Shutter

(September 10, 2007)

Column 1	Column 2	Column 3	Column 4
Original Pin numbers on the shutter connector (same as those on the original cable attached to the controller)	DB-9 Female UHV PEEK connector	Effect of Vacuum through (produces a mirror image of the pins on the outside)	DB-9 Female Air Side connector
1	1	Mirror	5
2	2	Mirror	4
3	4	Mirror	2
4	5	Mirror	1

Custom air-side cable:

Make a custom air-side cable of 20 feet length that goes from the vacuum feedthrough (DB-9 Female) to the circular connector which then mates with the original cable attached to the controller.